

Review of J1 C2.1 Calibration Change

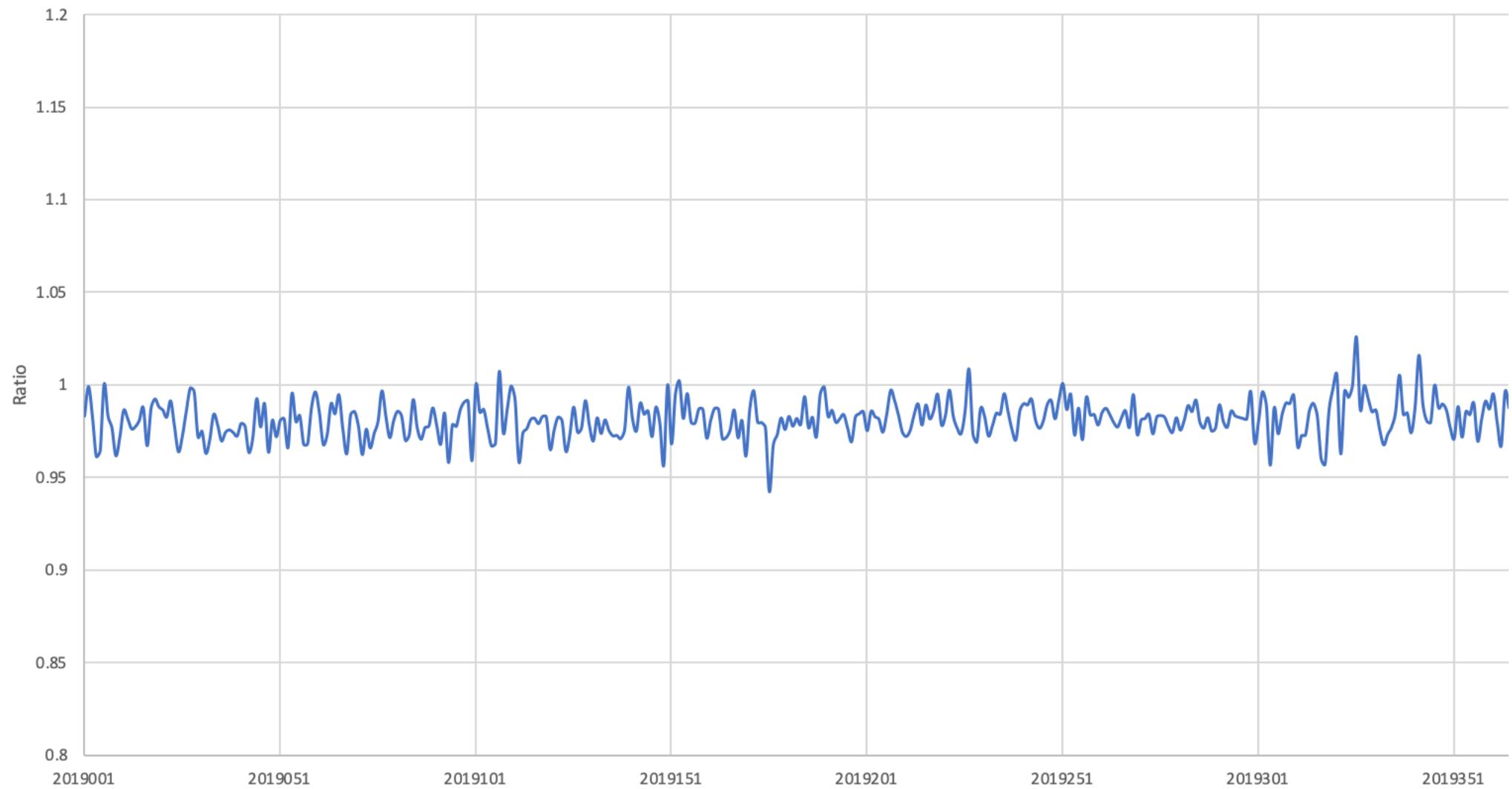
Data used: BRDF Corrected VNP09CMG (AS 3314) vs VJ109CMG (AS 3336)

Method: Mean ratio of Reflectance from over 500 Belmanip sites

Data Year: 2019

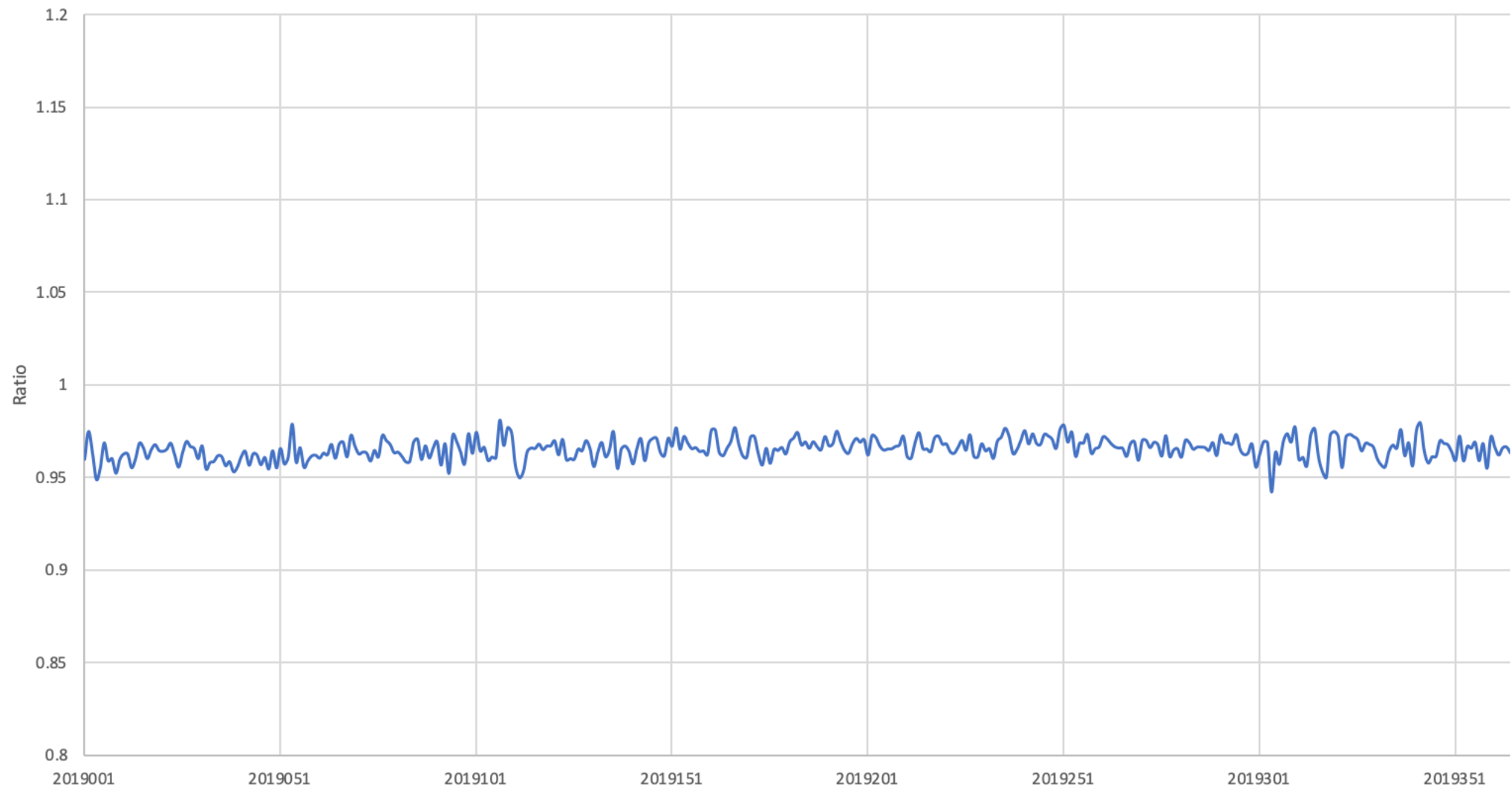
Summary Finding: C2.1 J1 VIIRS isn't any significantly different compared to C2 available in AS 5200, which is also currently in operational processing in AS 3194. Expect to see 2 (for observations from SNO) - 6% (farther from SNO) difference in reflectance compared to C2 SNPP.

I1

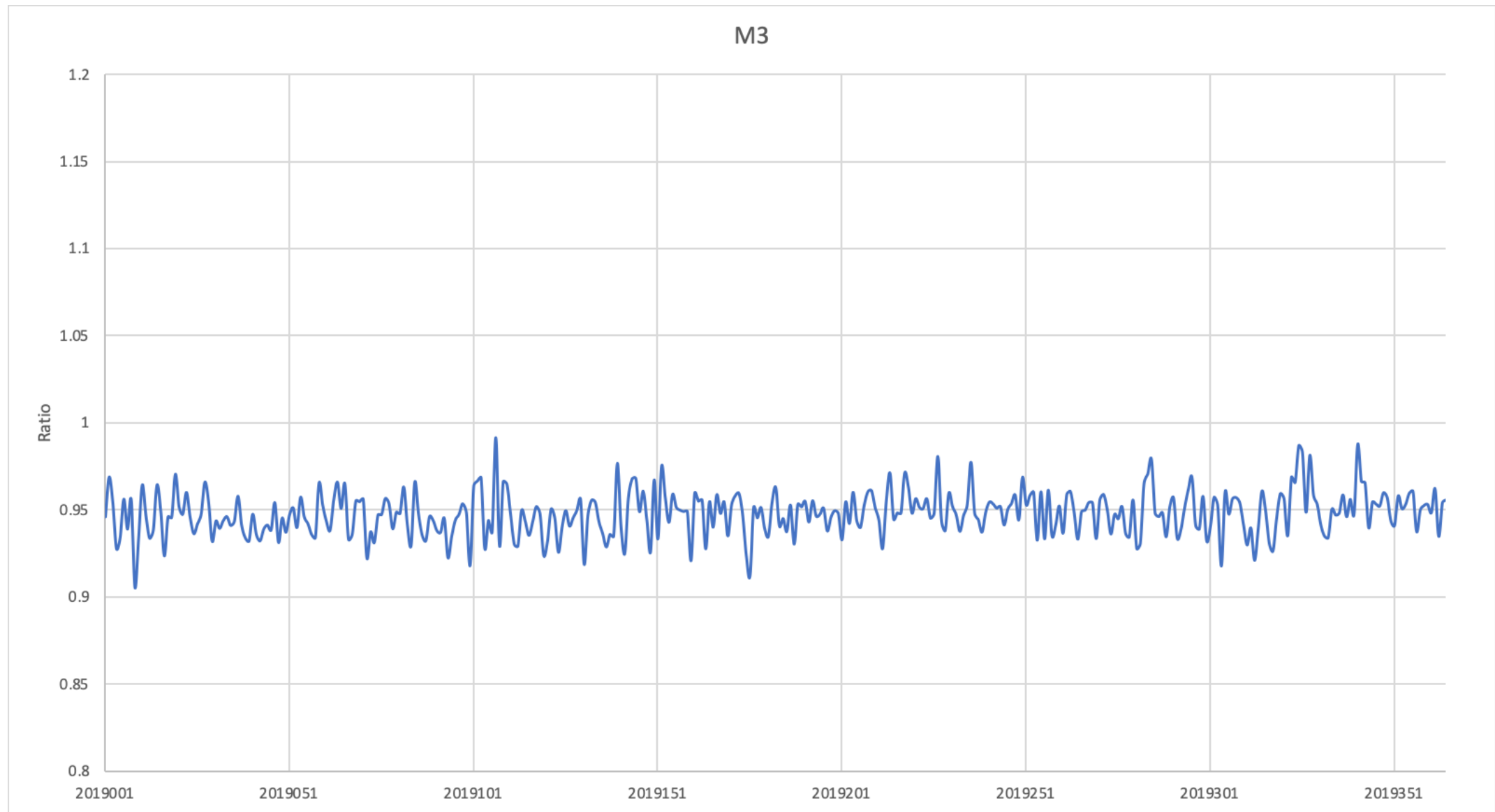


Mean Ratio: 0.981

I2

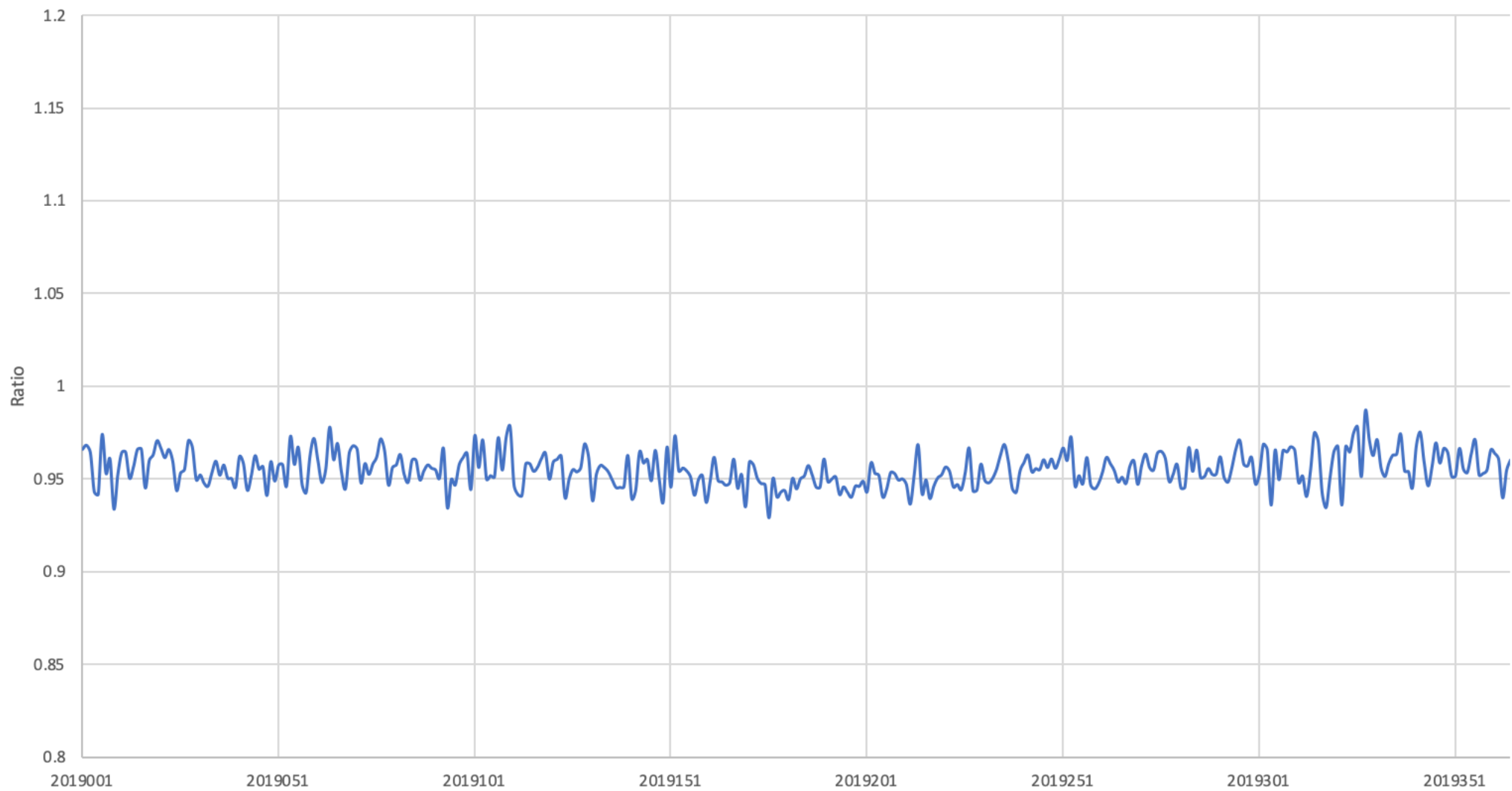


Mean Ratio: 0.965

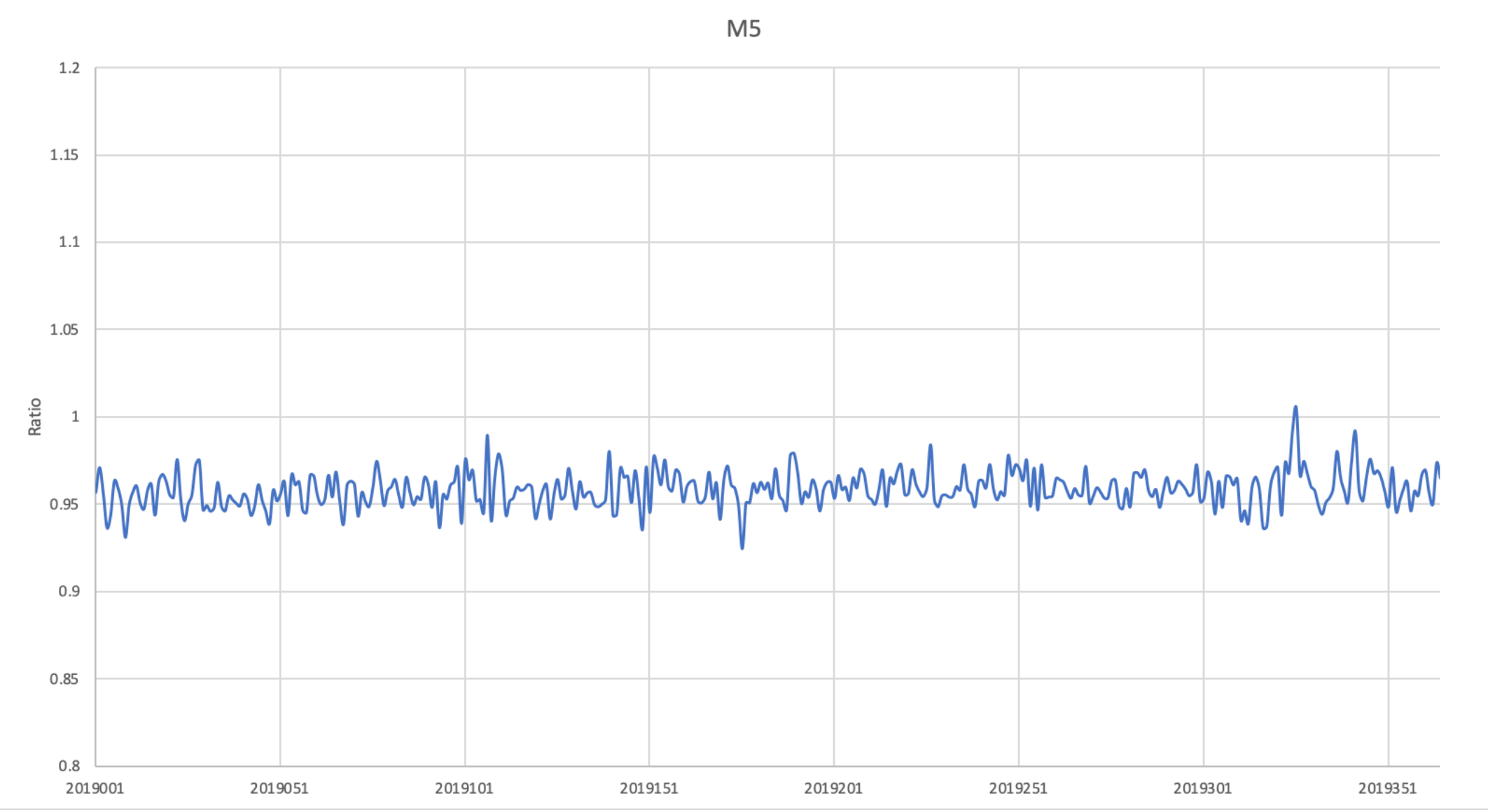


Mean Ratio: 0.948

M4

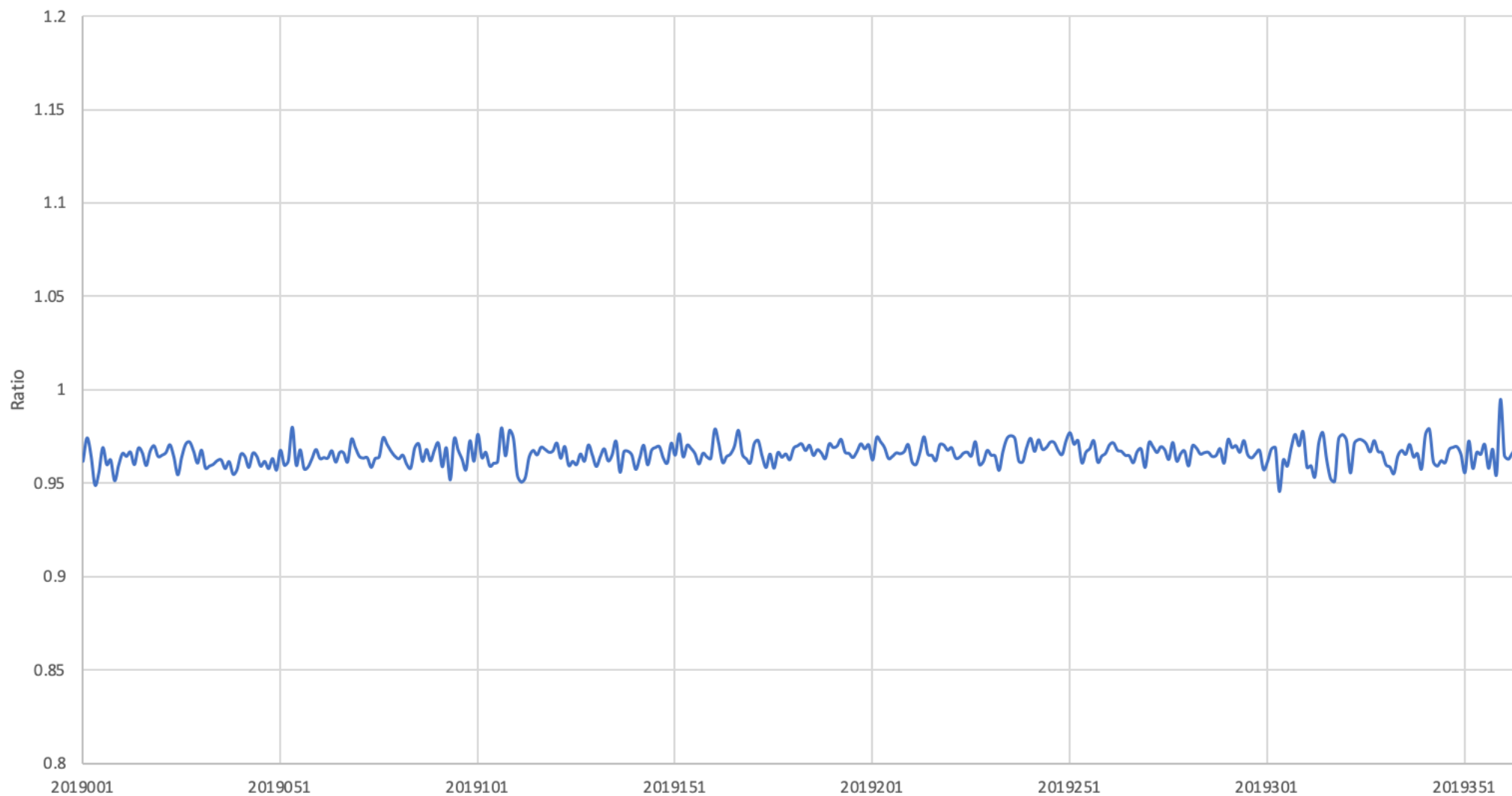


Mean Ratio: 0.955



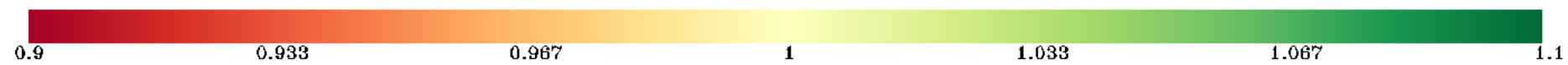
Mean Ratio: 0.958

M7

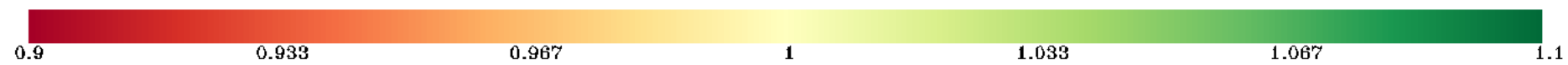


Mean Ratio: 0.966

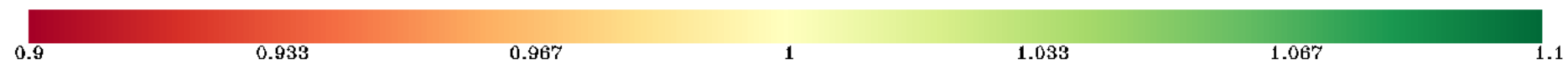
2019001 I1



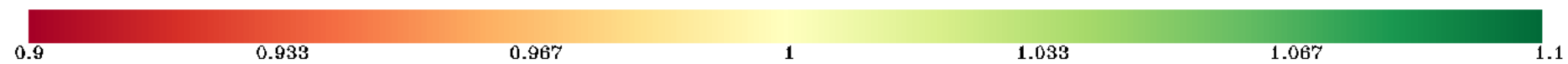
2019001 I2



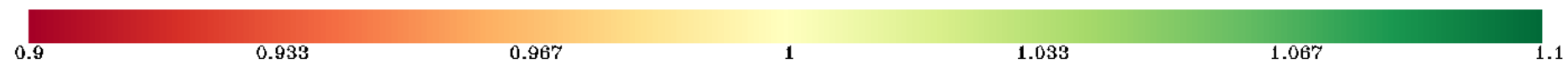
2019001 M3



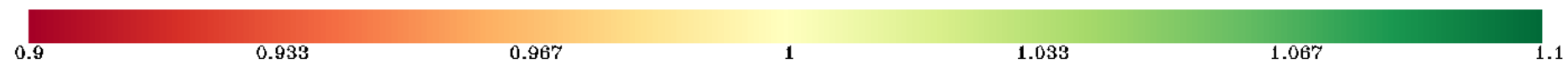
2019001 M4



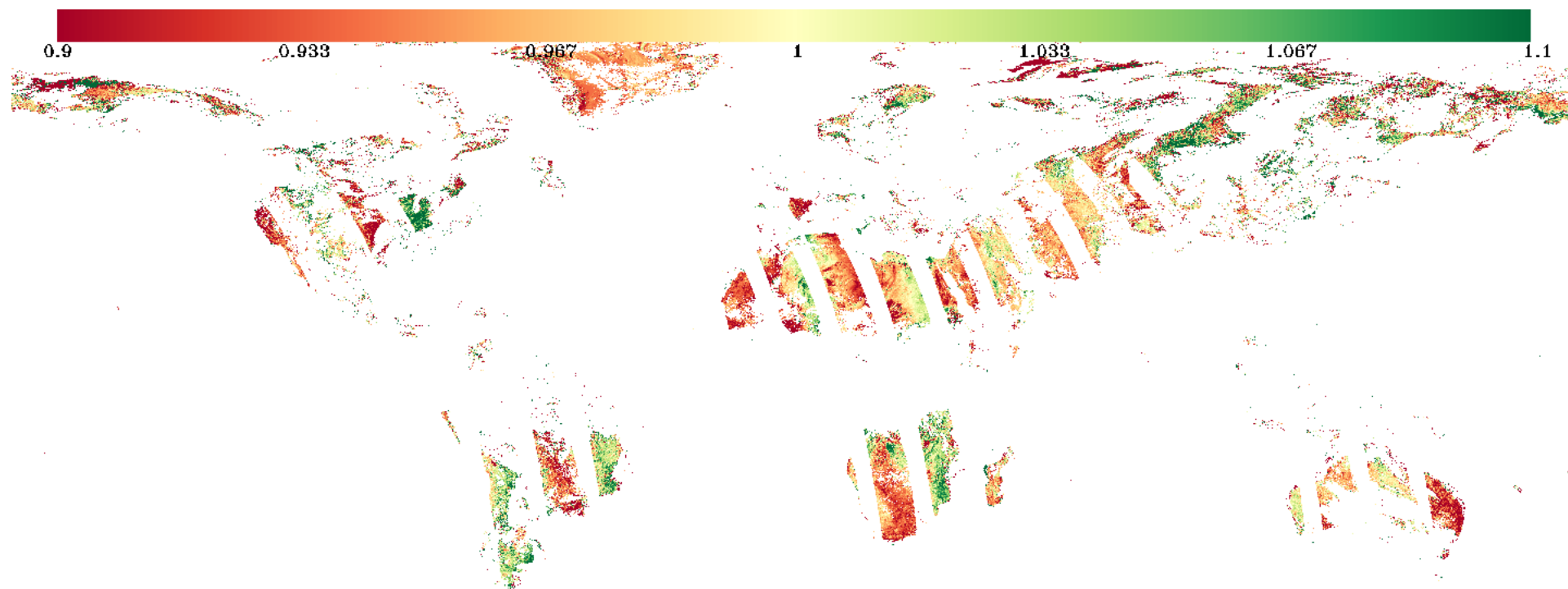
2019001 M5



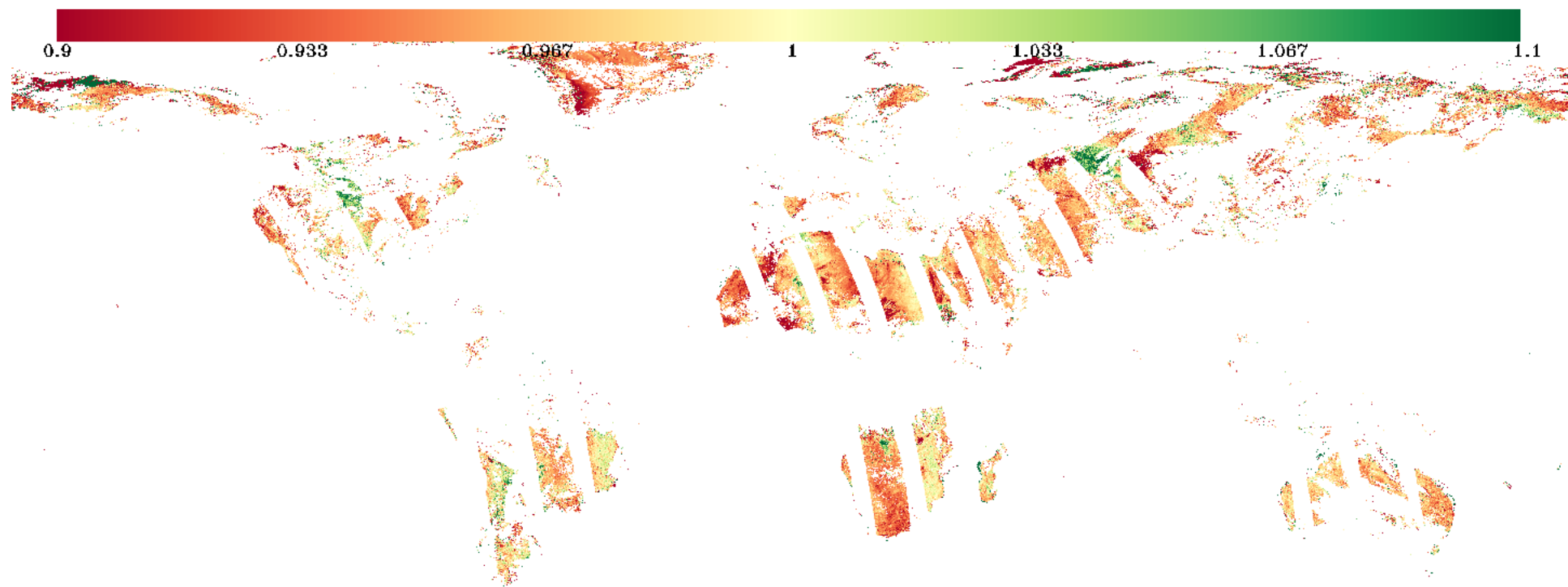
2019001 M7



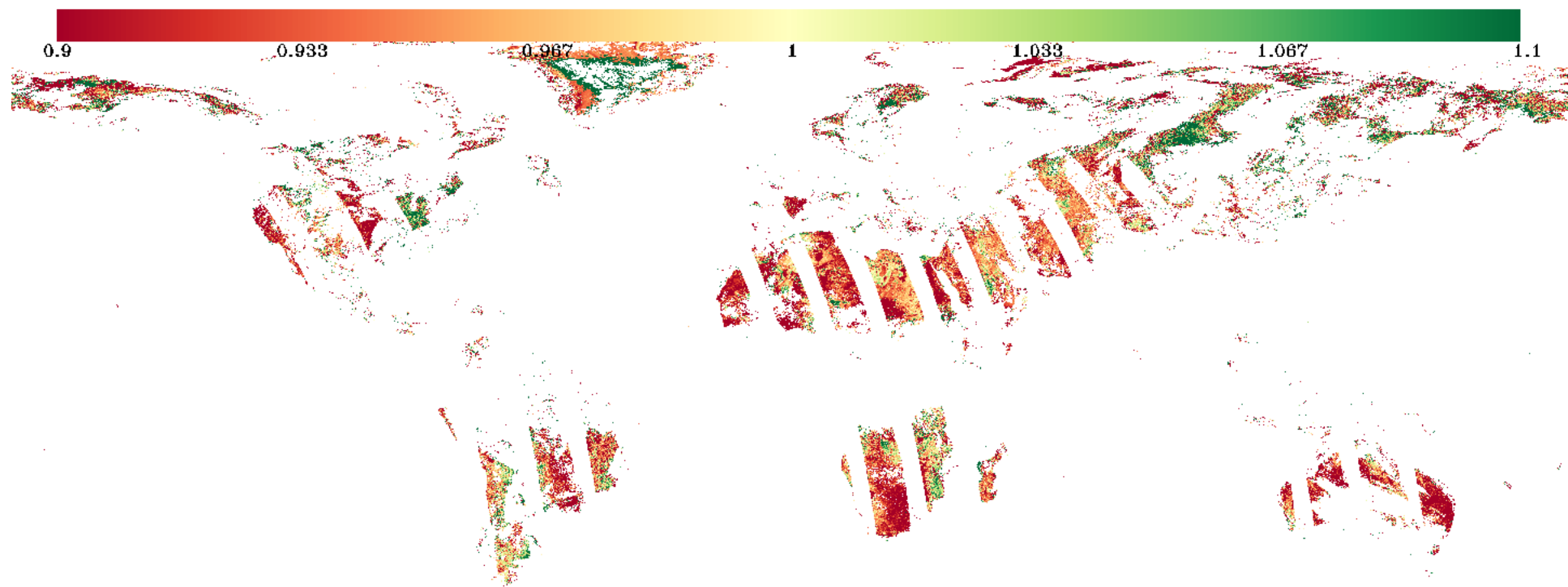
2019193 I1



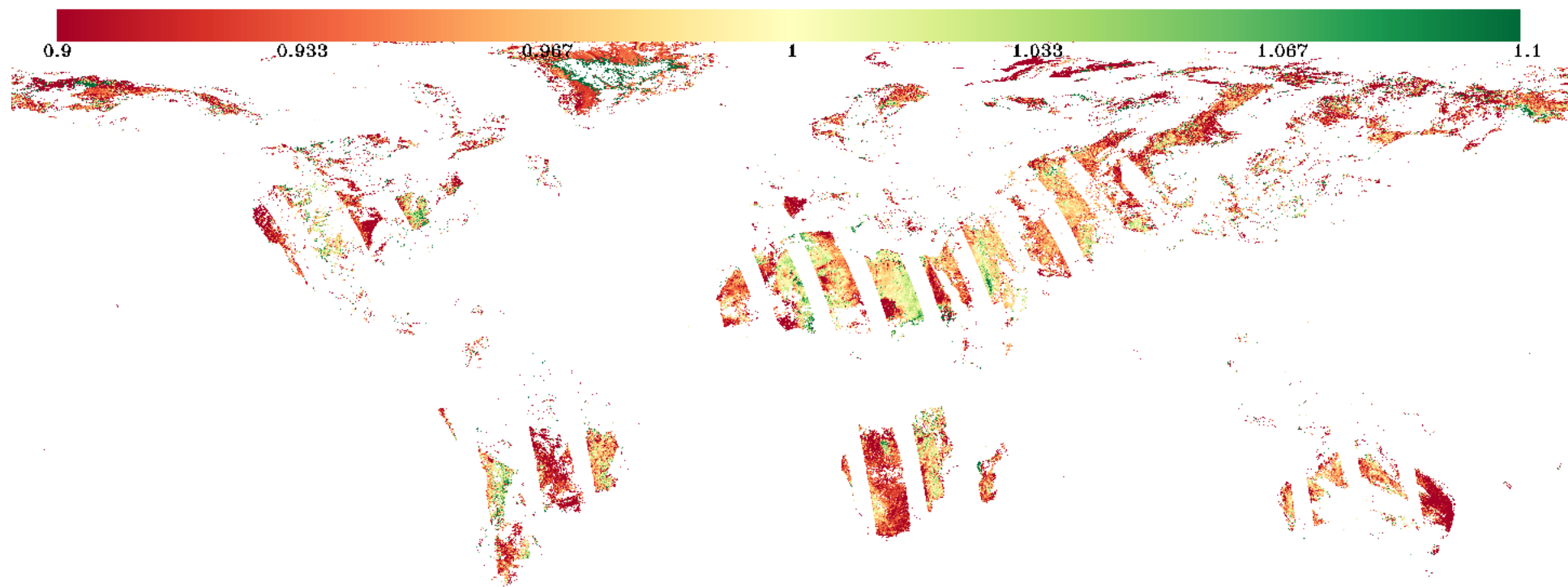
2019193 I2



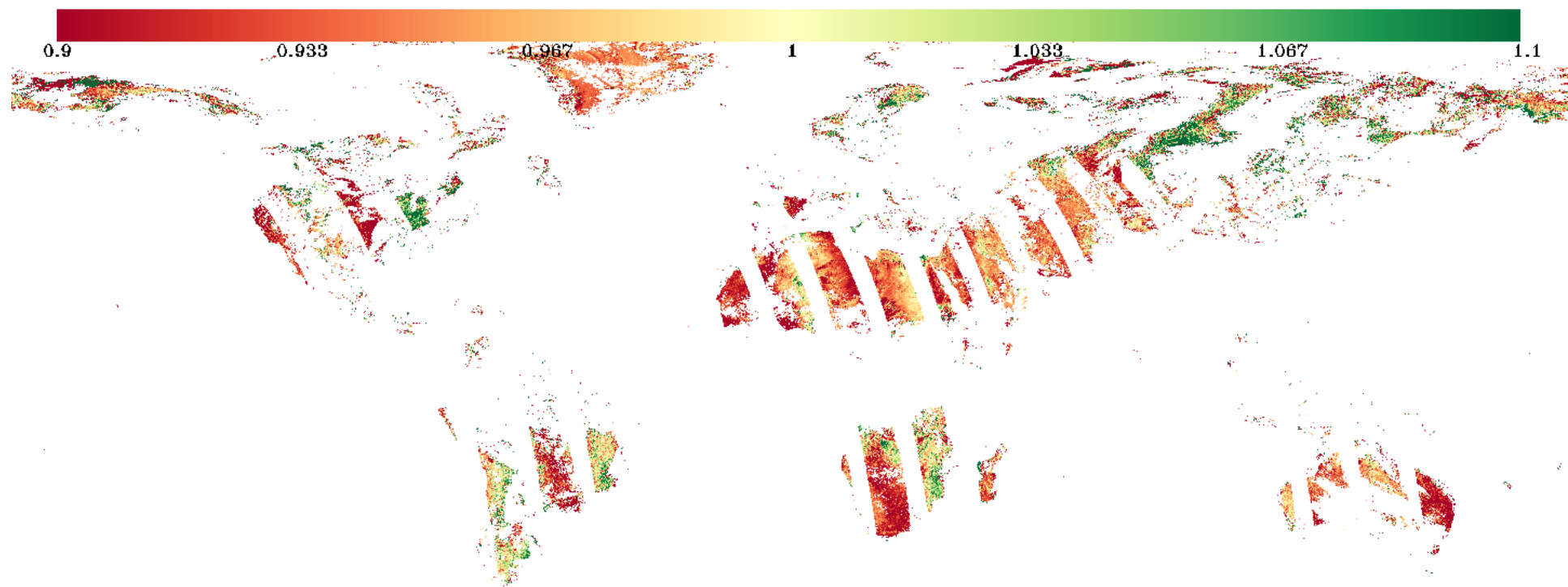
2019193 M3



2019193 M4



2019193 M5



2019193 M7

